

# **SCA Extensions Workshop Summary**



# Challenge from Dr. Frankel

**By June 30<sup>th</sup>, achieve the following**

- **Extend the SCA to reduce cost for software portability scenarios faced by  $> 2\text{GHz}$  communities (FPGA, DSP)**

**Additionally**

- **Develop a set of interface standards to abstract RF/antenna equipment from the rest of the radio**

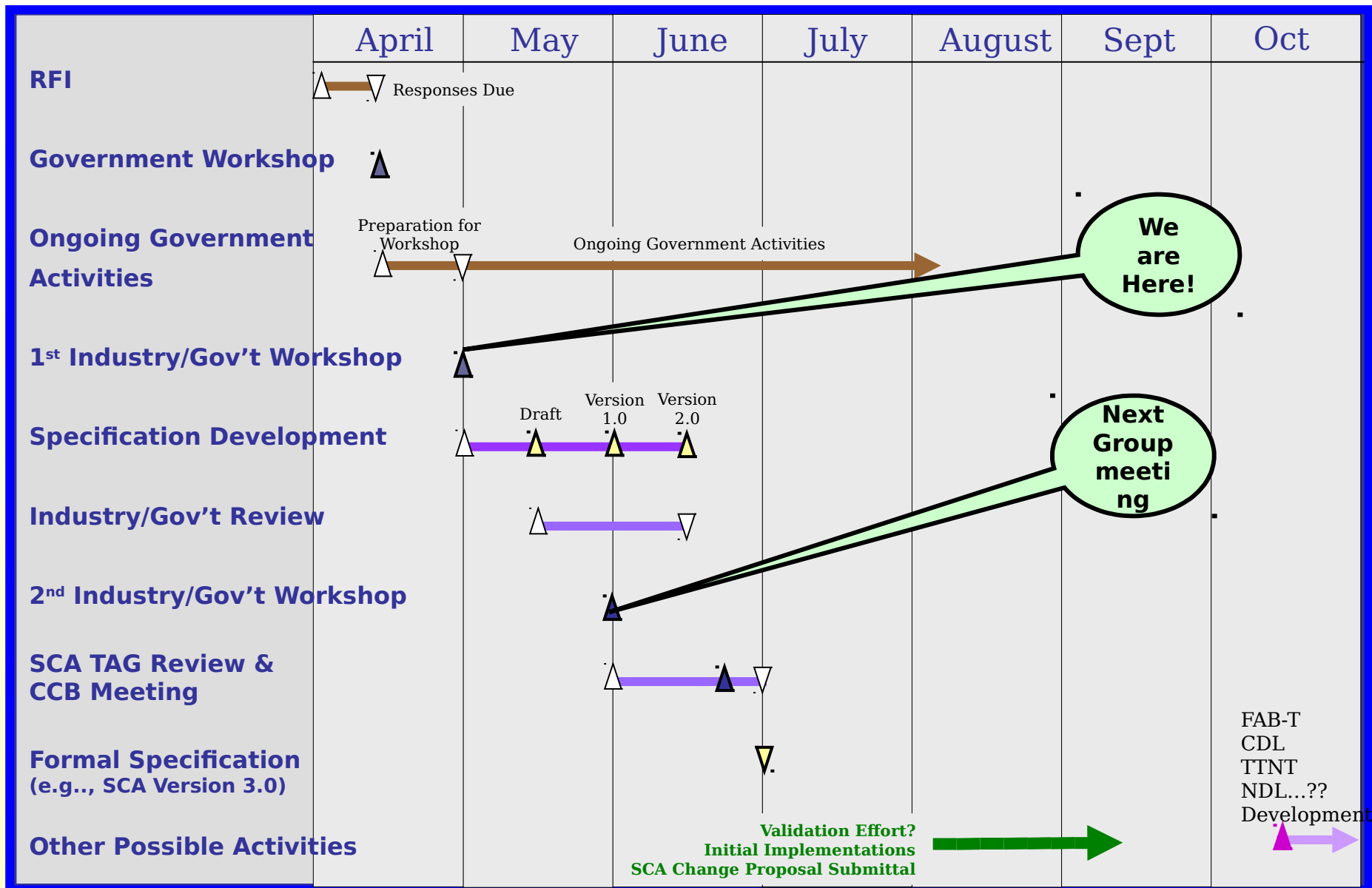


# High Level Approach

- **RFI to Leverage Industry concepts**
  - Abstract Interfaces
  - Programming Guidelines
  - Hardware Constraints
- **Gov /Industry Workshop 29-30 APR**
- **Specification development based upon Workshop output**
- **Authors Workshop 26 May**
- **3 Iterations before JTRS JPO CCB Approval 6/30/2004**
- **Continue Post 6/30 Improvements for future SCA enhancement and design guidance**



# Approach Review





# **Tiger Team Post-Workshop Roles**

- **Authors**

- write up SCA extension in appropriate form (CP, supplement section...)
- Submit weekly update to Reviewers + JPO
- Submit bi-weekly updates to Industry team + JPO
- Incorporate feedback (quickly)

- **Reviewers**

- Provide feedback within 1 week of receiving update



# JPO Post Workshop Role

- **Monitor progress of submissions**
- **Engage TAG for reviews/recommendations**
- **Engage CCB for release**



# Industry Post-Workshop Roles

- **Review Tiger Team outputs**
- **Implement solutions**



# Thank you

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